

WHAT IS CLAIMED IS:

1. A head protecting air bag device comprising:  
a bag body forming at least one expansion room and  
a gas passage extending in the longitudinal direction  
of a vehicle body communicating to the expansion room;  
an inflator which ejects expansion gas in the bag  
body;

a flexible inner tube provided in the gas passage and for supplying the expansion gas into the expansion room; and

... a pipe coupled to a gas ejection port of the inflator and extending in an axial direction of the inner tube, a leading end of the pipe protruding into the inner tube.

2. The head protecting air bag device according to Claim 1, wherein a deflecting portion are provided at the leading end of the pipe, the deflecting portion deflects an ejecting direction of the expansion gas to a direction to an opposite side of a sewed portion provided on the inner tube.

3. The head protecting air bag device according to Claim 2, wherein the deflecting portion is formed as a leading end of the pipe cut slantingly.

4. The head protecting air bag device according to Claim 1, wherein an axis of the inflator at the mounting position of the pipe and an axis of the leading end of the pipe are offset with each other in vertical direction, and a bending portion is formed at a part of the pipe near the gas ejection port of the inflator.

5. The head protecting air bag device according to Claim 1, wherein an inner diameter of the pipe is smaller than an outer diameter of the ejection part of the inflator, and a length of the pipe is smaller than a length with which the pipe extends over a gas outlet hole for supplying the expansion gas to the expansion room.

6. A head protecting air bag device comprising:

a bag body forming at least one expansion room and a gas passage extending in the longitudinal direction of a vehicle body communicating to the expansion room;

an inflator which ejects expansion gas in the bag body;

a flexible inner tube provided in the gas passage and for supplying the expansion gas into the expansion room; and

a high-voltage resistant flexible tube having a small length and a small diameter is provided, which

protrudes axially from the inflator into the inner tube.

7. The head protecting air bag device according to Claim 6, wherein an inner diameter of the high-voltage resistant flexible tube is smaller than an outer diameter of the ejection part of the inflator, and a length of the high-voltage resistant flexible tube is smaller than a length with which the high-voltage resistant flexible tube extends over a gas outlet hole for supplying the expansion gas to the expansion room.

8. A head protecting air bag device comprising:  
a bag body forming at least one expansion room and a gas passage extending in the longitudinal direction of a vehicle body communicating to the expansion room;  
an inflator which ejects expansion gas in the bag body;

a flexible inner tube provided in the gas passage and for supplying the expansion gas into the expansion room; and

a high-voltage resistant flexible tube protruding axially from the inflator into the gas passage in the bag body;

wherein the inner tube is covered with the high-voltage resistant flexible tube so that the inner

tube is narrowed.

9. The head protecting air bag device according to  
Claim 8, wherein an inner diameter of the high-voltage  
5 resistant flexible tube is smaller than an outer diameter  
of the ejection part of the inflator, and a length of  
the high-voltage resistant flexible tube is smaller than  
a length with which the high-voltage resistant flexible  
tube extends over a gas outlet hole for supplying the  
10 expansion gas to the expansion room.

*Add a 8y*

31 AVAILABLE COPY